UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
STUDY PLAN

Study ID code	CAPMC-T-0217-CP
Title	Evaluation of Inter-center strain trail to determine wind erosion control effectiveness
National Project No.	Cropland 3.1
Study Type	**A**E
Study status	Active
Location	Tule Lake
Study Leader	David Dyer, CAPMC
Duration	2002 - 2008
Cooperators	NRCS area and field offices
Land Use	Cropland
Vegetative Practices	Primary 422A Herbaceous wind barriers Secondary 741 (194) Vegetative buffer strip
Resource concerns	Resource — Consideration/Problem Air — Buffers Soil — Soil erosion
Long Range Plan	Study falls under Section IV, Part 1 of the CA PM LRP
Description	Determine best cultivar for wind erosion control and wildlife habitat in Tule Valley and update the vegetative guide for use in farm bill programs.
Status of Knowledge	Improved plant materials are in limited existence for the stated conservation practices and high performing cultivars are needed.
Experimental Design	Single plot Design
Treatment 1	Title: AE Description: Test 40 cultivars and 35 species for adaptability and performance in Tule Lake area
Materials and Methods	Samples of seed assembled form PMC collections. Seed will be assembled in 2002. 20X20' plots planted in spring of 2002 at Tule Lake, 50 PLS per sq. foot, weed control as

	needed, irrigation water is applied as needed to obtain establishment, evaluate plots three times for vigor, wildlife value, stand establishment, height etc.
Final Evaluations	After initial evaluations, continue to evaluate for stand persistence
Technology Transfer Products	Revise FOTG standards, TechNote
Literature Cited	There is a need for high performance adapted cultivars for use in conservation practices in the Tule Lake area
Keywords	Buffers, wildlife, wind soil erosion, native grass
Review by:	CA. State Plant Materials Committee
Approvals:	As per approval of CAPMC Business Plan